#### **Fake Factors**

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#### Modifying Control Region - Electrons Comparison



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### Modifying Control Region - Electrons Comparison



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### Modifying Control Region - Electrons Comparison





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# Closure Test (Electrons) - $p_T$ distribution



Figure 2:  $p_T$  distributions of electrons in linear (left) and logarithmic (right) scale.

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# Closure Test (Electrons) - $\eta$ distribution



Figure 3:  $\eta$  distributions of electrons in linear (left) and logarithmic (right) scale.

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Image: A matrix and a matrix